

ER-2 #806 05/25/18

Aircraft: [ER-2 - AFRC #806](#) ([See full schedule](#))

Flight Number: 18-6049

Payload Configuration: MISTiC Winds - HyTES (no scanhead) and MISTiC Winds

Nav Data Collected: Yes

Total Flight Time: 4.4 hours

Submitted by: Brian Hobbs on 05/29/18

Flight Segments:

From:	Palmdale, CA	To:	Palmdale, CA
Date:	05/25/18		
Flight Time:	4.4 hours		
Log Number:	182019 - Completed as of this flight.	PI:	Kevin Maschhoff
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
Purpose of Flight:	Science		
Comments:	Flight #3 for MISTiC Winds. HyTES without scanhead flew piggyback. Dean Neeley was the pilot. Accomplished the entire flight plan. Orbit 1 extended to the west 10 nautical miles to cover clouds of interest. Modified orbit make turns to the north to capture clouds of interest, but second pass clouds of interest had moved to north, so orbit was cut short. Orbit over Vandenberg was clear. This flight completed the MISTiC Winds campaign.		

Flight Hour Summary:

	172013	182019
Flight Hours Approved in SOFRS	8	16.9
Flight Hours Previously Approved		2.9
Total Used	5.1	19.8
Total Remaining		-0

182019 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
12/04/17	18-6011	Science	4.8	4.8	15	
05/23/18	18-6048	Science	5.7	10.5	9.3	
05/24/18	18-6049	Science	4.9	15.4	4.4	
05/25/18	18-6049	Science	4.4	19.8	-0	

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_806_05_25_18#comment-0

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NASA Official: Bruce A. Tagg

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

172013 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
05/11/17	17-6036	Check	2.6	2.6	5.4	
05/15/17	17-6038	Check	2.5	5.1	2.9	